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92

8 February 1957

MEMORANDUM FOR THE RECORD

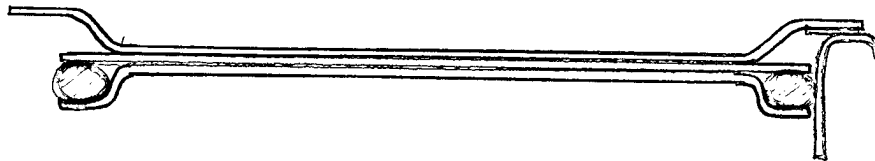
SUBJECT: on Burial Container Weapons

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Below are listed the major topics of discussion on Task D, Burial Container, Weapons, which the undersigned had on his 5-6 Feb visit to

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1. Six sets of hydroformed and pieces have been supplied by the subcontractor. These are of good quality, but the nine inch dimension taxes the upper dimensional limitation on the currently used press. A larger hydroforming press is on order.
2. Twenty gauge 316 stainless was used, and the outer flange against which the O-ring established a seal looks underdesigned. We may have to go to a heavier gauge. This can be done and still use the hydroform.
3. The O-ring will have to seat deeper inside the outer flange than originally planned to establish a good seat. Because of this, the cover positioning plate will have to be raised about its rim to permit the cover to seat deeper inside the container.



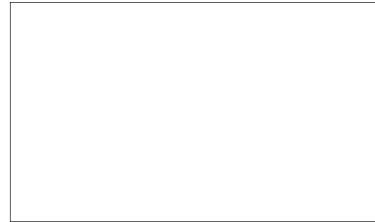
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4. Each container will have two handles along one 4" x50" side.
 5. First completed prototype containers will be ready for testing under pressure in two to three weeks.
 6. Present thinking on hardware for holding the cover in place reflects the possible lack of rigidity of the outer flange. The

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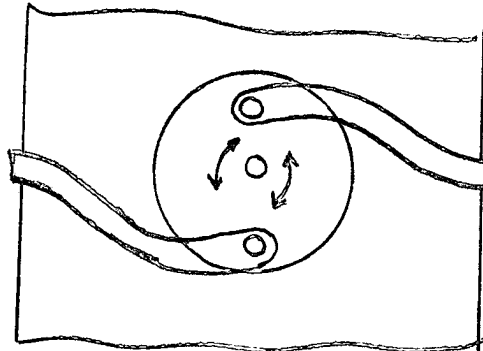
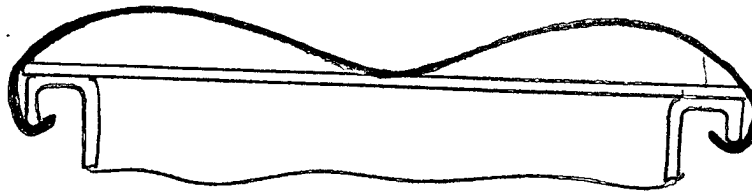
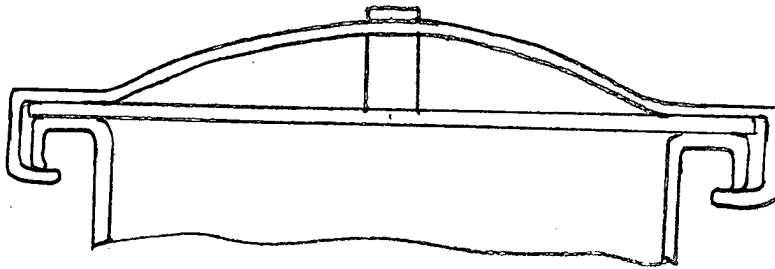
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clamping arrangements shown below tend to apply compressive force across the four inch dimension of the top of the container as well as hold the cover in place.



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